

Richard A. Lerner, M.D.  
Scripps Clinic and Research Foundation  
476 Prospect Street  
La Jolla, California 92037

Studies on Persistent Viral Infection.

Grant #766

A continuous line of murine lymphocytes persistently infected with Moloney virus will be under investigation in our laboratory. In agreement with others, we have shown that maximum synthesis of viral antigens occurs during the G<sub>1</sub> phase of the lymphocyte cell cycle. This implies that there is a limited period in the cell cycle during which the viral genome can be expressed, and is an example of host control of virus function. The experiments to be carried out are designed to examine the molecular events involved in this control.

Current Grant Level: \$29,345.

1005075466